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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jiang et al.

: Group Art Unit: 1742

Application No. 09/682,630

: Examiner: A. Wessman

Filed: October 1, 2001

: Response to Paper No. 3

For: **Rhodium, Platinum, Palladium Alloy**

TECHNOLOGY CENTER 1700

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AMENDMENT UNDER 37 CFR 1.111

Assistant Commissioner for Patents  
Washington, DC 20231

S I R:

In response to the Office Action dated 11/23/01, please amend the above-identified application as follows.

IN THE SPECIFICATION

Please amend the specification as follows:

**Abstract**

91 An alloy and a gas turbine engine component comprising an alloy, the alloy consisting essentially of rhodium, platinum, and palladium, wherein the alloy comprises a microstructure that is essentially free of L12 - structured phase at a temperature greater than about 1000°C.

**Paragraph beginning on page 2, line 15**

92 The present invention provides several embodiments that address this need. One embodiment is an alloy consisting essentially of rhodium, platinum, and palladium, wherein the alloy comprises a microstructure that is essentially free of L12 - structured phase at a temperature greater than about 1000°C.

**Paragraph beginning on page 2, line 19**

93 A second embodiment is an alloy consisting essentially of from about 5 atomic percent to about 40 atomic percent platinum and the balance comprising rhodium, wherein the alloy further